

# INTERNATIONAL SEARCH REPORT

Application No  
PCT/GB2004/003280

## A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 B01J37/02

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 B01J

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 4 529 718 A (DUPIN THIERRY) 16 July 1985 (1985-07-16)	11
Y	abstract column 2, lines 3-9 column 7, lines 17-31 claims 1-3,6-8,14,19; examples 2,4	1-10
Y	US 2002/002112 A1 (MURAMATSU KEIICHI) 3 January 2002 (2002-01-03) abstract page 1, paragraph 17 page 2, paragraphs 19,33,34 page 3, paragraph 43 page 4, paragraph 64 page 5, paragraphs 69,77 page 6, paragraph 85 ----- -/-	1-10



Further documents are listed in the continuation of box C.



Patent family members are listed in annex.

### \* Special categories of cited documents:

- \*A\* document defining the general state of the art which is not considered to be of particular relevance
- \*E\* earlier document but published on or after the international filing date
- \*L\* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- \*O\* document referring to an oral disclosure, use, exhibition or other means
- \*P\* document published prior to the international filing date but later than the priority date claimed

- \*T\* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- \*X\* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- \*Y\* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
- \*Z\* document member of the same patent family

Date of the actual completion of the international search

19 November 2004

Date of mailing of the international search report

14/12/2004

Name and mailing address of the ISA

European Patent Office, P.B. 5818 Patentlaan 2  
NL - 2280 HV Rijswijk  
Tel. (+31-70) 340-2040, Tx. 31 651 epo nl,  
Fax: (+31-70) 340-3016

Authorized officer

Jourdan, A

## INTERNATIONAL SEARCH REPORT

Application No

PCT/GB2004/003280

## C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	US 4 602 000 A (DUPIN THIERRY ET AL) 22 July 1986 (1986-07-22) abstract; claim 1 -----	1-11
A	WO 03/035255 A (DICKS ANDREW LESLIE ; JUDD ROBERT WILLIAM (GB); LATTICE INTELLECTUAL P) 1 May 2003 (2003-05-01) claims 1-3,5 -----	1-11
A	WO 03/033131 A (BOWE MICHAEL JOSEPH ; ACCENTUS PLC (GB); LEE-TUFFNELL CLIVE DEREK (GB)) 24 April 2003 (2003-04-24) page 20, lines 4-28 -----	1-11

## INTERNATIONAL SEARCH REPORT

 Application No  
 PCT/GB2004/003280

Patent document cited in search report		Publication date		Patent family member(s)	Publication date
US 4529718	A	16-07-1985	FR	2512004 A1	04-03-1983
			AT	13257 T	15-06-1985
			AU	555776 B2	09-10-1986
			AU	8749482 A	03-03-1983
			BR	8204997 A	09-08-1983
			DE	3263537 D1	20-06-1985
			EP	0073703 A1	09-03-1983
			JP	1715077 C	27-11-1992
			JP	4002307 B	17-01-1992
			JP	58051938 A	26-03-1983
			KR	8801777 B1	17-09-1988
			KR	8801778 B1	17-09-1988
US 2002002112	A1	03-01-2002	JP	2002001126 A	08-01-2002
			US	2003040431 A1	27-02-2003
US 4602000	A	22-07-1986	FR	2556235 A1	14-06-1985
			EP	0151893 A1	21-08-1985
			JP	60150837 A	08-08-1985
WO 03035255	A	01-05-2003	WO	03035255 A2	01-05-2003
			GB	2383274 A	25-06-2003
WO 03033131	A	24-04-2003	BR	0213170 A	14-09-2004
			EP	1434652 A1	07-07-2004
			WO	03033131 A1	24-04-2003
			TW	575467 B	11-02-2004